



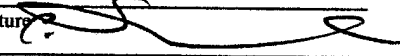
ATTORNEY DOCKET NO. LXGN-00104

PATENT APPLICATION NO. 09/933,528

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Person
Serial No.: 09/933,528
Filing Date: August 20, 2001
Art Unit: Not Yet Assigned
Examiner: Not Yet Assigned

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231, on the date indicated below.

Signature: 
Printed: C. STEVEN McDERMID
Date: 04.04.02

Title: REGION DEFINITION PROCEDURE AND CREATION OF A REPEAT SEQUENCE FILE

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Pursuant to the provisions of 37 CFR §§ 1.56, 1.97 and 1.98, and MPEP 609, Applicant submits herewith copies of the patent listed below and on the attached Form PTO-1449 "Information Disclosure Citation."

REMARKS

Consideration by the Examiner of the patent listed herein and on Form PTO-1449 is respectfully requested. Applicant respectfully requests that a copy of PTO-1449, as considered and initialed by the Examiner, be returned to the undersigned with the next Official Communication.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made. 37 CFR § 1.97(g). Furthermore, the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in this

Statement is, or is considered to be, prior art, analogous art, or material to patentability of this application, but the information has been cited to make it clear beyond all doubt that Applicant's duty of disclosure has been complied with. 37 CFR § 1.97(h).

Applicant hereby submits that the claims of Applicant's above-referenced patent application are patentably distinguishable from these references.

This Information Disclosure Statement is being filed within three (3) months of these references being cited in a communication from a foreign patent office in a corresponding foreign application. 37 C.F.R. 1.97(c); MPEP §609(c) and MPEP § 601(e)(1).

The attached form, PTO-1449, provides a listing of the patent as required by 37 C.F.R. § 1.98(a)(1).

A copy of each of the items identified on the attached Form PTO-1449 is supplied herewith.

It is believed that no fee is due; however, the Commissioner is hereby authorized to charge any fees which may be required by this paper, to McDaniel & Associates P.C. Deposit Account No. 50/1085.

Respectfully submitted,

Date: 04.04.02



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ATTORNEYS FOR APPLICANT

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	LXGN-00104

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	ALTSCHUL, STEPHEN F. ET AL, 1990, "Basic Local Alignment Search Tool", J. Mol. Biol. 215:403-410.	
	AB	ALTSCHUL, STEPHEN F. ET AL, 1997, "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs", Nucleic Acids Res. 25:3389-3402.	
	AC	FENG, F. ET AL, 1984-85, "Aligning amino acid sequences: comparison of commonly used metonds", J Mol Evol. 21(2): 112-25.	
	AD	HENIKOFF S., and HENIKOFF, J.G., 1992, "Amino acid substitution matrices from protein blocks", Proc Natl Acad Sci USA 89(22):10915-9.	
	AE	KARLIN, S. and GHANDOUR, G., 1985, "Multiple-alphabet amino acid sequence comparisons of the immunoglobulin kappa-chain constant domain", Proc Natl Acad Sci USA 82(24):8597-601.	
	AF	LIPMAN, DAVID J. and PEARSON, W.R., 1985, "Rapid and sensitive similarity searches", Science 227:1435-1441.	
	AG	PEARSON, W. and LIPMAN, DAVID, 1998, "Improved tools for biological sequence comparison", Proc. Natl. Acad. Sci. 85:2444-2448.	
	AH	PEARSON, W., 1990, "Rapid and sensitive sequence comparison with FASTP and FASTA", Methods in Enzymology 183:63-98.	
	AI	SMITH, T.F. and WATERMAN, M.S., 1981, "Identification of common molecular subsequences", J. Mol. Biol. 147:195- 197.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.